IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Original): Method of producing a finely divided dispersion of solids having a mean particle size of 10 nm to 10 μm, in which at least two flows of a predispersion are sprayed by means of pumps, preferably high-pressure pumps, through one nozzle each into a grinding chamber enclosed by a reactor housing onto a collision point, characterized in that the grinding chamber is flooded with the predispersion and the ~~finaly~~ finely divided dispersion is removed from the grinding chamber by the overpressure of the predispersion continuing to flow into the grinding chamber.

Claim 2 (Original): Method according to Claim 1, characterized in that the liquid phase of the predispersion is aqueous.

Claim 3 (Currently Amended): Method according to ~~Claims 1 or 2~~ Claim 1, characterized in that the predispersion contains dispersing agents and/or surfactants.

Claim 4 (Currently Amended): Method according to ~~Claims 1 to 3~~ Claim 3, characterized in that the proportion of solids in the predispersion is between 1 and 70 wt.%.

Claim 5 (Currently Amended): Method according to ~~Claims 1 to 4~~ Claim 4, characterized in that the predispersion is sprayed into the grinding chamber at a pressure of at least 50 bar.

Claim 6 (Currently Amended): Method according to ~~Claims 1 to 5~~ Claim 5, characterized in that the dispersion is cooled after leaving the grinding chamber.

Claim 7 (Currently Amended): Method according to ~~Claims 1 to 6~~ Claim 1, characterized in that the finely divided dispersion obtained after leaving the grinding chamber is sprayed into the grinding chamber several times.

Claim 8 (Currently Amended): Method according to ~~Claims 1 to 7~~ Claim 4, characterized in that organic particles, inorganic particles and/or mixtures thereof are used as solids.

Claim 9 (Currently Amended): Device for performing the method in accordance with ~~Claims 1 to 8~~ Claim 1, characterized in that a predispersion is sprayed by means of at least two nozzles each having an associated pump and feeding into a grinding chamber surrounded by a reactor housing onto a common collision point and the dispersion leaves the grinding chamber through an opening in the reactor housing.

Claim 10 (Original): Device according to Claim 9, characterized in that the nozzles can be aligned with a common collision point.

Claim 11 (Currently Amended): Device according to ~~Claims 9 or 10~~ Claim 9, characterized in that the nozzles are composed of oxides, carbides, nitrides, diamond or mixtures thereof.

Claim 12 (Currently Amended): Device according to ~~Claims 9 to 11~~ Claim 9, characterized in that the nozzles have bores having a diameter of 0.5 – 2000 μm.

Claim 13 (Currently Amended): Device according to ~~Claims 9 to 12~~ Claim 9, characterized in that the nozzles are identical in their chemical composition with the substance to be dispersed or become identical as a result of chemical reaction under the dispersion conditions.

Claim 14 (Currently Amended): Device according to ~~Claims 9 to 13~~ Claim 9, characterized in that the collision point is surrounded by a material that is disposed in such a way that, in the event of a misalignment of the nozzles, the predispersion jet collides with said material.

Claim 15 (Currently Amended): Device according to ~~Claims 9 to 14~~ Claim 14, characterized in that the material surrounding the collision point is identical in its chemical composition to the substance to be dispersed or becomes identical as a result of chemical reaction under the dispersion conditions.